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UTILITY **PATENT APPLICATION TRANSMITTAL**

| Attorney Docket No. First Inventor | | NGB-14886 Tadashi Kotani | | | | |
|------------------------------------|--|-----------------------------|--|--|--|--|
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| (Only for new nonprovision | nal applications under 37 CFR 1.53(L | <u>" E</u> | press | Maii Labei No. 1 | J V 00 7 70 | 10300 | 25 | | | |
|---|---|-------------------|--|--|------------------------|--------------------|---------------------------|--|--|--|
| APPLICATION ELEMENTS | | | | | sistant Cor | | ioner for Patents | | | |
| See MPEP chapter 600 concerning utility patent application contents. | | | | | shington, | | | | | |
| Fee Transmittal Form (e.g., PTO/SB/17) (Submit on original and a duplicate for fee processing) | | | | 7. CD-ROM or CD-R in duplicate, large table or | | | | | | |
| 15 abiliti an original and a aupiteure for fee processing) | | | | Computer Program | | | | | | |
| Applicant claims small entity status. See 37 CFR 1.27. | | | 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) | | | | | | | |
| 3. Specification [Total Pages 20] | | | a. Computer Readable Form (CRF) | | | | | | | |
| - Descriptive title | | | b. Specification Sequence Listing on: | | | | | | | |
| - Cross Reference | e to Related Applications | | | | | | | | | |
| | arding Fed sponsored R & D | | i. U CD-ROM or CD-R (2 copies); or | | | | | | | |
| | program listing appendix | | ii. ☐ paper | | | | | | | |
| Background of Brief Summary | | | c. Statements verifying identity of above copies | | | | | | | |
| | n of the Drawings (if filed) | | A | <u>CCOMPANYING</u> | APPLIC | ATIC | ON PARTS | | | |
| - Detailed Descri | ption | | 9. | Assignment Paper | s (cover s | heet 8 | document(s)) | | | |
| - Claim(s) - Abstract of the | Disclosure | | 10. | 37 CFR 3.73(b) S | | | Power of | | | |
| | | ٦, | 11. | (when there is an English Translation | • . | ent (if a | ⊐ Attorney enplicable) | | | |
| 4. X Drawing(s) (35 U | .s.o. 110) [Total Sheets |] ,] , | 12. | Information Disclo | sure | X | Copies of IDS | | | |
| 5. Oath or Declaration [Total Pages 1] | | | Statement (IDS)/PTO-1449 Citations 13. Preliminary Amendment | | | | | | | |
| a. Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) b. (for continuation/divisional with Box 18 completed) | | | | 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized) | | | | | | |
| i. DELETION OF INVENTOR(S) | | | 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) | | | | | | | |
| | tement attached deleting inventor(s) he prior application, see 37 CFR | | Paguast and Cartification under 35 U.S.C. 122 | | | | | | | |
| | and 1.33(b). | | (b)(2)(B)(i). Applicant must attach form PTO/SB/35 | | | | | | | |
| 6. X Application Data | Sheet. See 37 CFR 1.76 | | <u>-</u> ا | or its equivalent. | For \$750.0 | 20 | | | | |
| O. Application Data | Sheet. See St Gt N 1.70 | | 17. X Other: | | | | | | | |
| | CATION, check appropriate box, and | l supply tl | he requi | site information below | and in a p | prelimi | nary amendment, | | | |
| or in an Application Data She | Divisional Continuation-in-part | CIPI | -4 | neier emplication No. | , | | | | | |
| Prior application information: | Examiner | (Oii) | of prior application No.:// Group Art Unit: | | | | | | | |
| • • | ONAL APPS only: The entire disclosure | - e of the pri | | | | | | | | |
| Box 5b, is considered a part of | the disclosure of the accompanying co | ontinuatio | n or divi | sional application and i | s hereby ir | corpo | | | | |
| The incorporation can only be | relied upon when a portion has been in 19. CORRESP | | | | prication p | arts. | | | | |
| | | | L AUDI | | | | | | | |
| Customer Number or Bar Co | ode Label (Insert Customer No. or Att | | a label her | e) or | Correspon | dence a | ddress below | | | |
| Name | Rankin, Hill, Porter & Clark I | LP | | | | | | | | |
| | 925 Euclid Avenue, Suite 700 | | | | | | | | | |
| Address | | | | | | | | | | |
| City | Cleveland | Sta | ate | Ohio | Zip Code | | 44115-1405 | | | |
| Country | U.S.A. | Telepho | one (216) 566-9700 | | Fax | | (216) 566-9711 | | | |
| Name (Print/Type) | David E. Spay 00 1 | | Registration No. (Attorney/Ag | | | gent) 34732 | | | | |
| Signature | Niksom | | | | | Date June 20, 2003 | | | | |
| | - War I was | | | | | | | | | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.



PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE uder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | Complete if Known | | | | |
|---|-----------------------|-------------|----------------------|----------------|---|--|--|
| PTO | FEE TRANS | DIVILLIAL | Application Number | N/A | _ | | |
| | for EV | 2002 | Filing Date | Herewith | | | |
| | for FY 2003 | | First Named Inventor | Tadashi Kotani | | | |
| Effective 01/01/2003. Patent fees are subject to annual revision. | | | Examiner Name | N/A | | | |
| Applicant claims small entity status. See 37 CFR 1.27 | | Art Unit | N/A | | | | |
| TO. | TAL AMOUNT OF PAYMENT | (\$) 750.00 | Attorney Docket No. | NGB-14886 | _ | | |

| METHOD OF PAYMENT (check all that apply) | FEE CALCULATION (continued) | | | | | |
|---|---|-------------|----------------------------|-------------|--|---------------|
| Check Credit card Money Other None | 3. ADDITIONAL FEES | | | | | |
| Deposit Account: | <u>Large</u> | Entity | Small | Entity | | |
| | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
| Account Number | 1051 | 130 | 2051 | | Surcharge - late filing fee or oath | |
| Deposit Account Rankin, Hill, Porter & Clark LLP | | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| Name | 1053 | 130 | 1053 | 130 | Non-English specification | |
| Charge fee(s) indicated below Credit any overpayments | 1812 | 2,520 | 1812 | , | For filing a request for ex parte reexamination | |
| Charge any additional fee(s) during the pendency of this application | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account. | 1805 | 1,840* | 1805 | 1,840* | | |
| | 1251 | 110 | 2251 | 55 | Extension for reply within first month | 1 |
| FEE CALCULATION 1. BASIC FILING FEE | 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| Large Entity Small Entity | 1253 | 930 | 2253 | 465 | Extension for reply within third month | ļ |
| Fee Fee Fee Fee Pee Paid Code (\$) Code (\$) | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 4004 750 10004 075 14874 58 | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1001 750 2001 375 Utility filling fee 750 | 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1003 520 2003 260 Plant filing fee | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1004 750 2004 375 Reissue filing fee | 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1005 160 2005 80 Provisional filing fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| SUBTOTAL (1) (\$) 750 | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| Extra Claims below Fee Paid Total Claims 4 -20** = 0 X 18 = 0 | 1502 | 470 | 2502 | | Design issue fee | |
| Independent 2 -3** = 0 × 84 = 0 | 1503 | 630 | 2503 | | Plant issue fee | |
| Claims 2 3 2 1 A 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 | 1460 | 130 | 1460 | | Petitions to the Commissioner | |
| | 1807 1806 | 50 | 1807 | | Processing fee under 37 CFR 1.17(q) | i |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description | | 180 | 1806 | | Submission of Information Disclosure Stmt | \vdash |
| Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20 | 8021 | 40 | 802 | 1 40 | Recording each patent assignment per property (times number of properties) | |
| 1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3 | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1810 | 750 | 2810 | 375 | For each additional invention to be | |
| 1204 84 2204 42 ** Reissue independent claims over original patent | 1204 84 2204 42 ** Reissue independent claims | | examined (37 CFR 1.129(b)) | | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 | 1801 1802 | 750 900 | 2801 1802 | 900 | | |
| and over original patent | 045.0 | foo /a- | ooif:\ | | of a design application | |
| SUBTOTAL (2) (\$) ⁰ | | fee (sp | • • • | Filina F | ee Paid SUBTOTAL (3) (\$) 0 | |
| **or number previously paid, if greater; For Reissues, see above | - Neut | Joeu by | Jasic | anig i | ee Paid SUBTOTAL (3) (\$) 0 | |

(Complete (if applicable) SUBMITTED BY Registration No. David E. Spaw 34732 Telephone (216) 566-9700 Name (Print/Type) (Attorney/Agent) Signature June 20, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.